

**Table CT4. Residential Sector Energy Consumption Estimates, Selected Years, 1960-2016, Virginia**

Year	Coal <sup>a</sup> Thousand Short Tons	Natural Gas <sup>b</sup> Billion Cubic Feet	Petroleum				Biomass Wood <sup>d</sup> Thousand Cords	Geothermal <sup>e</sup>	Solar <sup>e,f</sup>	Retail Electricity Sales	Net Energy <sup>e,g</sup>	Electrical System Energy Losses <sup>h</sup>	Total <sup>e,g</sup>
			Distillate Fuel Oil	HGL <sup>c</sup>	Kerosene	Total				Million Kilowatthours			
										Thousand Barrels			
1960	766	27	6,520	608	4,655	11,783	1,499	--	--	4,099	--	--	--
1965	454	36	7,471	939	4,847	13,257	1,110	--	--	6,557	--	--	--
1970	264	50	9,734	1,185	4,544	15,462	882	--	--	11,546	--	--	--
1975	97	49	9,091	1,293	2,056	12,440	925	--	--	15,871	--	--	--
1980	41	55	7,380	1,247	1,403	10,030	1,027	--	--	19,731	--	--	--
1985	60	49	5,738	1,495	3,611	10,844	1,259	--	--	22,568	--	--	--
1990	47	51	6,069	1,759	1,160	8,988	518	--	--	28,130	--	--	--
1995	37	69	5,162	2,380	1,220	8,762	779	--	--	33,472	--	--	--
1996	47	76	5,770	2,640	1,544	9,954	809	--	--	34,651	--	--	--
1997	20	74	5,214	2,848	1,583	9,644	618	--	--	33,923	--	--	--
1998	19	63	5,021	2,173	2,053	9,247	549	--	--	34,703	--	--	--
1999	15	69	4,951	2,424	1,548	8,924	564	--	--	35,779	--	--	--
2000	9	80	5,679	2,899	1,642	10,219	607	--	--	37,541	--	--	--
2001	14	70	5,187	2,633	1,681	9,500	395	--	--	37,325	--	--	--
2002	9	75	4,884	2,534	935	8,353	401	--	--	40,358	--	--	--
2003	14	85	5,300	3,150	1,261	9,711	422	--	--	40,877	--	--	--
2004	9	83	5,601	3,327	1,454	10,382	433	--	--	42,503	--	--	--
2005	10	85	5,390	3,195	1,426	10,010	760	--	--	44,662	--	--	--
2006	2	72	4,524	2,551	1,139	8,214	674	--	--	42,906	--	--	--
2007	8	81	4,358	2,914	740	8,012	745	--	--	45,481	--	--	--
2008	0	80	3,993	3,098	307	7,398	834	--	--	44,597	--	--	--
2009	0	84	3,030	3,511	286	6,827	808	--	--	44,763	--	--	--
2010	0	88	3,215	3,455	332	7,001	705	--	--	48,439	--	--	--
2011	0	79	2,822	3,289	155	6,266	721	--	--	45,771	--	--	--
2012	0	70	2,095	2,642	71	4,807	673	--	--	43,535	--	--	--
2013	0	86	2,355	3,161	79	5,594	930	--	--	45,416	--	--	--
2014	0	93	2,437	3,054	123	5,614	941	--	--	46,444	--	--	--
2015	0	85	2,249	3,201	85	5,534	698	--	--	45,928	--	--	--
2016	0	77	1,712	2,735	113	4,560	560	--	--	45,186	--	--	--

  

Trillion Btu													
1960	19.0	27.9	38.0	2.3	26.4	66.7	30.0	NA	NA	14.0	157.5	34.6	192.1
1965	11.2	37.4	43.5	3.6	27.5	74.6	22.2	NA	NA	22.4	167.8	53.4	221.2
1970	6.3	50.8	56.7	4.5	25.8	87.0	17.6	NA	NA	39.4	201.2	95.3	296.5
1975	2.3	49.7	53.0	5.0	11.7	69.6	18.5	NA	NA	54.2	194.2	129.9	324.1
1980	1.0	55.6	43.0	4.8	8.0	55.7	20.5	NA	NA	67.3	200.2	161.7	361.9
1985	1.5	50.7	33.4	5.7	20.5	59.6	25.2	NA	NA	77.0	213.8	176.4	390.2
1990	1.2	53.6	35.4	6.7	6.6	48.7	10.4	0.1	0.1	96.0	210.0	225.9	435.9
1995	0.9	70.8	30.0	9.1	6.9	46.1	15.6	0.1	0.1	114.2	247.8	269.4	517.1
1996	1.2	79.2	33.6	10.1	8.8	52.5	16.2	0.1	0.1	118.2	267.3	277.7	545.0
1997	0.5	77.1	30.3	10.9	9.0	50.2	12.4	0.1	0.1	115.7	256.2	268.3	524.4
1998	0.5	66.0	29.2	8.3	11.6	49.2	11.0	0.1	0.1	118.4	245.3	273.1	518.4
1999	0.4	71.8	28.8	9.3	8.8	46.9	11.3	0.2	0.1	122.1	252.7	285.5	538.2
2000	0.2	82.5	33.0	11.1	9.3	53.5	12.1	0.2	0.1	128.1	276.6	301.0	577.5
2001	0.4	72.9	30.2	10.1	9.5	49.8	7.9	0.2	0.1	127.4	258.6	296.6	555.2
2002	0.2	78.2	28.4	9.7	5.3	43.4	8.0	0.2	0.2	137.7	267.9	323.4	591.3
2003	0.3	88.5	30.8	12.1	7.1	50.1	8.4	0.3	0.2	139.5	287.2	318.5	605.7
2004	0.2	85.3	32.6	12.8	8.2	53.6	8.7	0.3	0.2	145.0	293.2	335.9	629.2
2005	0.2	89.0	31.4	12.3	8.1	51.7	15.2	0.3	0.3	152.4	309.0	352.4	661.4
2006	0.1	74.2	26.3	9.8	6.5	42.5	13.5	0.4	0.3	146.4	277.4	338.5	615.9
2007	0.2	84.0	25.2	11.2	4.2	40.6	14.9	0.5	0.4	155.2	295.7	363.3	658.9
2008	0.0	82.7	23.1	11.9	1.7	36.7	16.7	0.6	0.5	152.2	289.2	357.0	646.3
2009	0.0	87.4	17.5	13.5	1.6	32.6	16.2	0.7	0.5	152.7	290.0	348.4	638.4
2010	0.0	90.4	18.6	13.3	1.9	33.7	14.1	0.8	0.5	165.3	304.7	375.5	680.3
2011	0.0	81.4	16.3	12.6	0.9	29.8	14.4	0.8	0.5	156.2	283.0	347.7	630.7
2012	0.0	72.9	12.1	10.1	0.4	22.6	13.5	0.8	0.5	148.5	258.9	320.1	579.0
2013	0.0	88.9	13.6	12.1	0.4	26.2	18.6	0.8	0.6	155.0	289.9	335.9	625.9
2014	0.0	97.4	14.1	11.7	0.7	26.5	18.8	0.8	0.6	158.5	302.5	340.9	643.5
2015	0.0	89.6	13.0	12.3	0.5	25.7	14.0	0.8	0.7	156.7	287.4	323.7	611.1
2016	0.0	81.1	9.9	10.5	0.6	21.0	11.2	0.8	0.8	154.2	269.0	308.0	577.0

a Beginning in 2008, data are no longer collected and are assumed to be zero.  
b Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.  
c Hydrocarbon gas liquids, assumed to be propane only.  
d Wood and wood-derived fuels.  
e There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.  
f Solar thermal and photovoltaic energy. Includes solar thermal energy consumed as heat by the commercial and industrial sectors.  
g Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

h Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.  
-- = Not applicable. NA = Not available.  
Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.  
Notes: Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.  
Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.  
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.